JP2001033245 - POSITION MEASURING METHOD OF POINT ON FLAT SURFACE

View Extended Family

Family Accession Nbr : 20042792299922

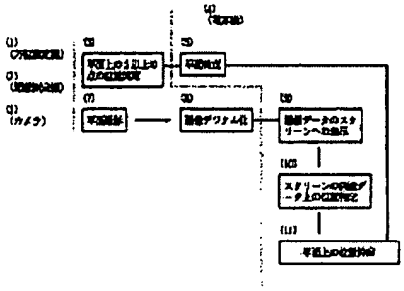
JP2001033245 A 20010209 [JP2001033245]
STG: Doc. Laid open to publ. Inspec.
AP : 1999JP-0204626 19990719

POSITION MEASURING METHOD OF POINT ON FLAT SURFACE

(JP2001033245)

PROBLEM TO BE SOLVED: To make easily determinable the coordinates of a point on a flat surface by a simple operation by determining the coordinates of a point on a flat surface corresponding to the position of a point on image data displayed on a screen from data of a specified flat surface and the image data displayed on the screen.
SOLUTION: First, the whole of a flat surface (object for measurement) is photographed (7) by a camera 6. To dispense with coordinate transformation, the camera is needed to be disposed so that the focal point coincides with the reference point of the coordinate. Subsequently, digitized image data is input to a computer, and image data is displayed (9) on a screen. To specify the flat surface (5), three or more points on the flat surface, preferably three points, are selected and the coordinates thereof are determined (3). Taking the focal point of the camera as a reference point (0, 0, 0), the direction of a three-dimensional coordinate axis is suitably set, and then the coordinates of three or more points can be measured by a direction finder 1 and a range finder 2.
COPYRIGHT: (C)2001,JPO

Priority Details : 1999JP-0204626 19990719
Inventor(s) : BAN NOBUO
Patent Assignee : MAEDA SCIENCE KK
Orig. Patent Assignee : (A) MAEDA SCIENCE:KK



1 / 1 FAMPAT - ©QUESTEL-ORBIT - image

First Previous 1 /1 Next Last

BEST AVAILABLE COPY